

LISTING OF CLAIMS:

The following listing of claims replaces all previous versions and listings of claims in the present application.

1. (Original) An intake apparatus comprising:

a tubular intake duct having an inlet port for introducing intake air from an outside;

an air cleaner disposed downstream of said intake duct to filter intake air;

an air cleaner hose disposed downstream of said air cleaner and communicating with a combustion chamber of an engine; and

a plurality of transmission ports which are respectively closed by air-permeable members and disposed in at least two members selected from among said intake duct, said air cleaner, and said air cleaner hose;

wherein amounts of air permeation of said air-permeable members are set so as to be mutually different in order to tune intake sound generated from said inlet port and transmitted sound generated from each of said air-permeable members.

2. (Currently amended) An intake apparatus according to claim 1, wherein the amounts of the air permeation of said air-permeable members are adjusted so that sound pressure of the intake sound is set to be ~~substantially~~ equal to or one of slightly greater than and slightly less than the sound pressure of the transmitted sound.

3. (Currently amended) An intake apparatus according to claim 2, wherein the sound pressure of the intake sound is set to be ~~substantially~~ equal to or slightly greater than the sound pressure of the transmitted sound.

4. (Original) An intake apparatus according to claim 3, wherein the sound pressure of the intake sound is set to fall within a range of the sound pressure of the transmitted sound to the sound pressure of the transmitted sound + 3 dB.

5. (Original) An intake apparatus according to claim 2, wherein said transmission ports are respectively disposed in said intake duct and a dirty side of said air cleaner.

6. (Original) An intake apparatus according to claim 2, wherein the amounts of air permeation of said air-permeable members are set such that the amount of air permeation of said air-permeable member disposed on an upstream side becomes greater than the amount of air permeation of said air-permeable member disposed on a downstream side.

7. (Original) An intake apparatus according to claim 1, further comprising a cleaner-incorporated member being accommodated in said air cleaner, said cleaner-incorporated member having one end communicating with one of said intake duct and said air cleaner hose in such a manner as to be separated from an interior of said air cleaner and another end which is open in the interior of said air cleaner,

wherein an outer wall of said air cleaner is formed by a dual-use outer wall portion which also serves as an outer wall of said cleaner-incorporated member as well as an exclusive-use outer wall portion for forming only said air cleaner, and

the outer wall of said air cleaner has at least one transmission port which is formed in such a manner as to extend over the dual-use outer wall portion and the exclusive-use outer wall portion, and which is closed by said air-permeable member.

8. (Original) An intake apparatus according to claim 7, wherein said cleaner-incorporated member is a semicylindrical member obtained by half-splitting a tubular member in an axial direction, one axial end of said semicylindrical member communicates with one of said intake duct and said air cleaner hose in such a manner as to be separated from the interior of said air cleaner, and another axial end thereof is open in the interior of said air cleaner.

9. (Original) An intake apparatus according to claim 8, wherein said semicylindrical member is welded and fixed to the dual-use outer wall portion and said air-permeable member.

10. (Original) An intake apparatus according to claim 7, further including a sound shielding wall spaced apart from said air-permeable member closing said transmission port.

11. (Original) An intake apparatus according to claim 1, further comprising:
a cleaner-incorporated member having one end communicating with one of said intake duct and said air cleaner hose in such a manner as to be separated from an interior of said air cleaner and another end which is open in the interior of said air cleaner;

a sound shielding wall portion formed integrally with an outer wall of said air, cleaner to compartmentalize a sound shielding chamber on an inner side thereof; and

a communicating port for allowing said sound shielding chamber and an outside of said air cleaner to communicate with each other;

wherein said transmission port allows said sound shielding chamber to communicate with the interior of said air cleaner and an interior of said cleaner-incorporated member, and closed by said air-permeable member.

12. (Original) An intake apparatus according to claim 11, wherein said transmission port is formed in said sound-shielding wall portion.

13. (Original) An intake apparatus according to claim 11, wherein said cleaner-incorporated member is a half-split member obtained by half-splitting a tubular member in an axial direction, one axial end of said half-split member communicates with one of said intake duct and said air cleaner hose in such a manner as to be separated from the interior of said air cleaner, and another axial end thereof is open in the interior of said air cleaner.

14. (Currently amended) An intake apparatus comprising:
a tubular intake duct having an inlet port for introducing intake air from an outside;
an air cleaner disposed downstream of said intake duct to filter intake air;
an air cleaner hose disposed downstream of said air cleaner and communicating with a combustion chamber of an engine; and

a cleaner-incorporated member being accommodated in said air cleaner, said cleaner-incorporated member having one end communicating with one of said intake duct and said air cleaner hose in such a manner as to be separated from an interior of said air cleaner and another end which is open in the interior of said air cleaner;

wherein an outer wall of said air cleaner is formed by a dual-use outer wall portion which also serves as an outer wall of said cleaner-incorporated member as well as an exclusive-use outer wall portion for forming only said air cleaner, and

the outer wall of said air cleaner has at least one transmission port which is formed in such a manner as to extend over the dual-use outer wall portion and the exclusive-use outer wall portion, and which is closed by ~~said an~~ air-permeable member.

15. (Currently amended) An intake apparatus comprising:

a tubular intake duct having an inlet port for introducing intake air from an outside;

an air cleaner disposed downstream of said intake duct to filter intake air;

an air cleaner hose disposed downstream of said air cleaner and communicating with a combustion chamber of an engine;

a cleaner-incorporated member having one end communicating with one of said intake duct and said air cleaner hose in such a manner as to be separated from an interior of said air cleaner and another end which is open in the interior of said air cleaner;

a sound shielding wall portion formed integrally with an outer wall of said air cleaner to compartmentalize a sound shielding chamber on an inner side thereof; and

a communicating port for allowing said sound shielding chamber and an outside of said air cleaner to communicate with each other;

wherein said transmission port allows said sound shielding chamber to communicate with the interior of said air cleaner and an interior of said cleaner-incorporated member, and closed by ~~said~~an air-permeable member.